

**Memorandum of Understanding
Between the Climate Data eXchange (CDX) project
and the
Microwave Limb Sounder (MLS) project**

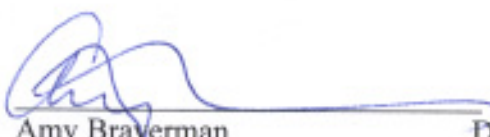
Approved:

 10/9/08

David Cuddy Date
MLS Project Manager

 10/8/08

Dan Crichton Date
Data Systems and Technology Program Manager (873)

 _____
Amy Braverman Date
CDX Principal Investigator

**Memorandum of Understanding
Between the Climate Data eXchange (CDX) Project
and the
Microwave Limb Sounder (MLS) Project**

PURPOSE

This MOU establishes:

1. responsibilities of the Climate Data eXchange (CDX) Project and the Microwave Limb Sounder (MLS) Project, and
2. a formal interface agreement between the two organizations in regards to achieving catalog and repository access by CDX software to the instrument data holdings of the MLS project.

SCOPE

This MOU governs the first 6-month period of FY09 (CDX's currently planned fiscal schedule plus the period of operations thereafter) and will be revisited on a yearly basis for changes in scope. Reference to the Microwave Limb Sounder Project is assumed to include its Project Manager and Data System Manager and Facility Teams. This agreement is based on currently planned budgets and requirements documentation. There is no exchange of funds between the MLS Project and CDX.

CDX and MLS will:

- document activities and responsibilities related to obtaining MLS catalog and repository access to MLS Level 2 Product metadata and data files, respectively
- document agreements between CDX data access software and the relevant MLS catalogs, servers, and disks via Interface Control Documents
- participate in a quarterly CDX data provider meeting, to support operations and timely resolution of issues

CDX will:

- develop and deploy software that will access MLS catalog servers, and MLS disks, specifically targeted at making MLS L2 data products available to CDX users
- work with the MLS system administrators to ensure that CDX software is appropriately insulated to only the MLS hardware necessary to access L2 data products and cataloged metadata

MLS will:

- provide system administrator support to provide CDX software account-based access to the MLS catalog and to the MLS repository disks that contain Level 2 data products
- assist in understanding MLS Level 2 metadata and archive layout structure
- define an appropriate MLS hardware resource for CDX software to access Level 2 data and metadata
- help to determine the appropriate data access policies for products provided to CDX